# [ Quick Start Guide ]

FIBRE CHANNEL SWITCH INSTALLATION

QLOGIC

SANbox® 5000 Series

for Windows® Operating Systems

*Purchasers of OEM products should consult with the OEM for support.*

| | |
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# Quick Start Guide

## Installation Instructions

Congratulations on your purchase of the SANbox® 5000 Series Fibre Channel Switch. This guide describes the steps to install and activate your new switch using a Windows® workstation. For advanced options and instructions (including Solaris®, Linux®, and Mac OS X® installations), refer to the *SANbox 5000 Series Fibre Channel Switch Installation Guide* on the product CD.

***NOTE:*** Do not apply power to the switch until instructed in Step 5.

## Step 1. Verify the Package Contents

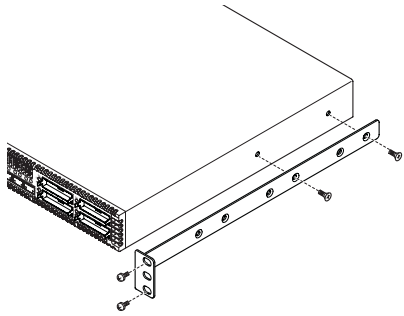
The SANbox 5000 Series Fibre Channel Switch is shipped with the following items:

| | |
|---|---|
| 1 | SANbox 5000 Series Fibre Channel Switch |
| 1 | AC Power cord (5600) |
| 2 | AC Power cords (5602) |
| 4 | Rubber feet |
| 2 | Mounting brackets (5600) |
| 1 | Mounting screws (5600) |
| 1 | Enterprise Fabric Suite 2007 CD (free 30-day trial) |

***NOTE:*** Determine if your switch order included Small Form Factor Pluggable (SFP) transceivers. If so, your switch may come with 8, 12, or 16 SFPs depending on your switch configuration. If you ordered SFPs and XPAK switch stacking cables separately, they will arrive in a different package. XPAK switch stacking cables connect SANbox 5000 Series switches together through the XPAK ports. The switch must have a 20-port license to enable the XPAK ports, or you must activate the 10-Gbps ports using the mPort Technology™ feature in Enterprise Fabric Suite 2007.

## Step 2. Mount the Switch

- **5600 Rack Mount with Brackets:** Fasten the brackets to the switch using 2 screws per bracket. Choose the bracket holes to produce the desired set back. Place the switch in a standard 19" rack and fasten each bracket to the rack with two screws.
- **Rack Mount with Rail Kit:** Install the SANbox 3000/5000 rail kit in a standard 19" rack as described in the Rack Mounting Guide.

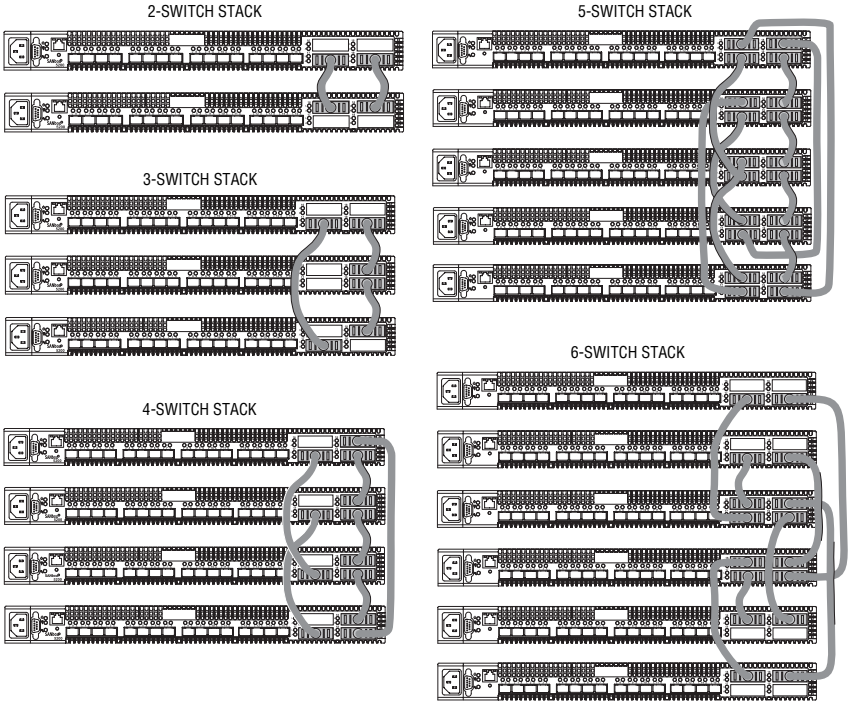


## Step 3. Stack Switches

If your switch is licensed for 20 ports, or you have activated the 10-Gbps ports using the mPort Technology feature in Enterprise Fabric Suite 2007, you can connect up to six switches together through the 10-Gbps ports using XPAK switch stacking cables. Stacking provides performance and fail-over while preserving ports for devices.

- ❑ For a 2-switch stack, use two 3-inch stacking cables.
- ❑ For a 3-switch stack, use two 3-inch stacking cables and one 9-inch stacking cable.
- ❑ For a 4-switch stack, use three 3-inch stacking cables and three 9-inch stacking cables.
- ❑ For a 5-switch stack, use four 3-inch stacking cables and four 9-inch stacking cables.
- ❑ For a 6-switch stack, use two 3-inch stacking cables and six 9-inch stacking cables.

❑ Remove the 10-Gbps port covers according to the instructions provided with the stacking cables. Connect 2, 3, 4, 5, or 6 switches into stacks.



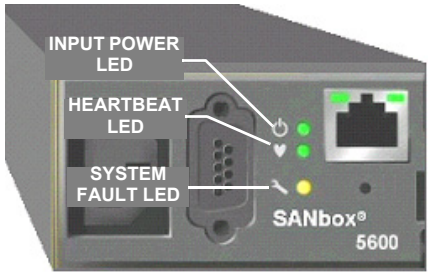
## Step 4. Install Transceivers

An SFP transceiver is required for each switch port that will be connected to a device or another switch. The SANbox 5200 series switches support 1-Gbps and 2-Gbps transmission. The SANbox 5600 series switches support 1-Gbps, 2-Gbps, and 4-Gbps transmission.

- ❑ To install an SFP transceiver, insert the transceiver into the switch port and gently press until it snaps in place. The transceiver will fit only one way. If the transceiver does not install under gentle pressure, flip it over and try again.

## Step 5. Apply Power to the Switch

- ❑ Attach the AC power cord(s) to the switch and wall outlet or power strip. Verify that the Input Power LED is illuminated.
- ❑ The switch runs its self tests and begins normal operation – this may take a few minutes. Verify that the Heartbeat LED is blinking (once per second) and the System Fault LED is NOT illuminated.




## Step 6. Verify Workstation Requirements

- ❑ Verify that your workstation can support the QuickTools™ application with the following minimum requirements:
  - ❑ Windows® 2003 SP1/SP2/R2 and XP
  - ❑ 256 MB memory minimum; 512 MB recommended
  - ❑ 1 GHz processor
  - ❑ Video card with 256 colors
  - ❑ CD ROM drive, RJ-45 Ethernet port
  - ❑ Internet Browser: Microsoft® Internet Explorer® 5.0, Netscape Navigator® 6.0, Firefox 1.0, or Mozilla™ 1.5
  - ❑ Java® 2 Standard Edition Runtime Environment 1.4.2
- ❑ The default IP address of a new switch is 10.0.0.1. Ensure that your workstation is configured to communicate with the 10.0.0 subnet.

## Step 7. Connect the Workstation to the Switch

- ❑ Connect the workstation to the switch using an Ethernet crossover cable, switch, or hub. If you are using a Windows workstation, you must have a live Ethernet connection when the workstation powers up.

## Step 8. Log In to the Switch

You can log in to and manage the switch using the command line interface, the QuickTools web applet, or the optional workstation-based application, Enterprise Fabric Suite 2007™. This guide will describe the use of QuickTools. For more information about using Enterprise Fabric Suite 2007 under the 30-day trial license, see the *SANbox 5000 Series Fibre Channel Switch Installation Guide*.

- ❑ Open an Internet browser and enter the default IP address 10.0.0.1 to start the QuickTools web applet.
- ❑ Log in to the switch using the default user name (*admin*) and password (*password*).

## Step 9. Run the Configuration Wizard

- ❑ Obtain the IP address and subnet mask from your network administrator.
- ❑ Open the QuickTools Wizards menu and select **Configuration Wizard**. Follow the instructions to set network parameters and the password. The default user name is *admin*; the default password is *password*. Changing the IP address will terminate the QuickTools session.
- ❑ Open an Internet browser again and enter the new IP address to log in to switch.

## Step 10. Connect Devices and Switches

- ❑ Connect fiber optic cables between the installed transceivers and their corresponding devices. Each port auto-negotiates the proper port type with the connected device or switch.

## *Congratulations!*
## You have successfully installed your QLogic SANbox 5000 Series Switch!

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